

Foreword

The **Ada County All Hazards Mitigation Plan** was developed during 2005-06 by the Ada County Hazard Mitigation Planning Committee in cooperation with Northwest Management, Inc., of Moscow, Idaho. Three bound documents have been produced as part of this planning effort. They include:

- Volume I: All Hazards Mitigation Plan including chapters of:
 - Flood Mitigation Plan
 - Landslide Mitigation Plan
 - Earthquake Mitigation Plan
 - Severe Weather Mitigation Plan
- Volume II: Wildland-Urban Interface Wildfire Mitigation Plan
- Volume III: All Hazard Mitigation Plan Appendices

The Ada County Wildland-Urban Interface Wildfire Mitigation Plan, in addition to being compatible with FEMA requirements is also compatible with the National Fire Plan, the Healthy Forests Restoration Act, and the Idaho Implementation Strategy for the National Fire Plan. Although it is being published as a separate document, it should be considered one chapter of the All Hazards Mitigation Plan and is hereby incorporated into this plan's contents.

Ada County, Idaho
Including the City Municipalities of Boise, Meridian, Eagle, Kuna, Garden City & Star

All Hazards Mitigation Plan
Volume I

Balancing act
Here's the formula:

- The water stored in all three reservoirs must never drop below 300,000 acre-feet.
- Lucky Peak Reservoir must never drop below 50,000 acre-feet. An acre-foot equals 325,851 gallons of water.
- The combined total of Lucky Peak & Armerwick must never fall below 100,000 acre-feet.
- The balance of the 300,000 acre-feet is kept in Anderson Ranch Reservoir.

Flood Mitigation
Landslide Mitigation
Earthquake Mitigation
Severe Weather Mitigation

Boise River dams wouldn't stop a big flood
Warm, wet weather could send water gushing into valley

By Tim Woodward
The Idaho Statesman

When the water comes to raise the Boise River, Dave Mart types the news story on a laptop and flips a switch on a 5 by 14-foot control panel in the powerhouse at Lucky Peak Dam.

Downstream, people get ready.

Six miles upstream, 800 debris are released from the face of Armerwick Dam and water is released from the face of Lucky Peak Dam.

At Black Canyon Dam, near Emmet, operators wait for an email message from Boise that could tell them to operate a remote link triggering flows at Anderson Ranch Dam, north-east of Mountain Home.

Lucky Peak, Armerwick and Anderson Ranch dams form the reservoir system that regulates the flow of the Boise River. It controls flooding and provides irrigation water, power and recreational uses. With the river at target capacity and surge flooding a possibility, the highest interest is on the reservoirs and their ability to hold back the waters that, under the right conditions, could inundate Idaho's most populous valley.

Water to fill the reservoirs comes from the Boise River.

As part of its flood control efforts, the U.S. Army Corps of Engineers is releasing 800 cubic feet of water per second through the Lucky Peak Dam.

June 12, 2006

Vision: Institutionalize and promote a countywide hazard mitigation ethic through leadership, professionalism, and excellence, leading the way to a safe, sustainable Ada County.

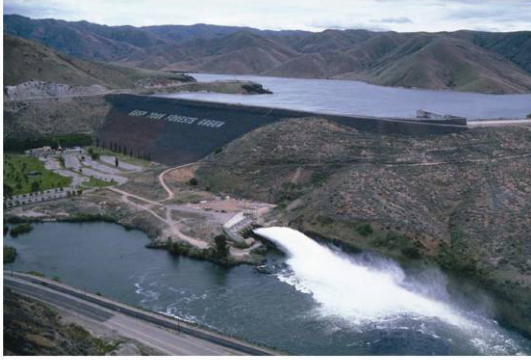
This plan was developed by the Ada County All Hazards Mitigation Plan Committee in cooperation with Northwest Management, Inc., 233 E. Palouse River Dr., P.O. Box 9748, Moscow, ID, 83843, Tel: 208-883-4488, www.Consulting-Foresters.com

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All Hazard Mitigation Plan
Volume III
Appendices

May 8, 2006

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